

Voluntary Reporting of Greenhouse Gases

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Total Emission Reductions and Sequestration Reported at Project and Entity Levels

(Metric Tons Carbon Dioxide Equivalent)

Data Year: 1998

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Reporter	Sector	Reduction Source	Project-Level	Entity-Level
A&N Electric Cooperative	Electric Power	Indirect	3,581	
Abe Krasne Home Furnishings, Inc.	Other	Direct		
		Indirect	38	
Advanced Micro Devices	N/A	Unspecified (EZ)	1,937	
ADVANE Heli-Welders	Industry	Unspecified (EZ)	7	
AES Hawaii, Inc.	Electric Power	Sequestration	1,530,000	1,530,000
AES Shady Point LLC	N/A	Sequestration	4,160,000	4,160,000
AES Thames	Electric Power	Sequestration	1,940,000	1,940,000
Air Exchange, Inc.	Other	Indirect	993,000	
Alabama Biomass Partners, Ltd	Alternative Energy	Unspecified (EZ)	37,430	
Alcan Primary Metals Group, Sebree Works	Industry	Direct	19,480	112,784
Allegheny Energy, Inc.	Electric Power	Direct	1,316,160	1,316,175
		Indirect	162,706	162,706
		Sequestration	5,137	5,137
Allergan, Inc.	Industry	Direct	552	552
		Indirect	3,554	3,554
Alliant Energy	Electric Power	Direct	1,095,118	1,095,118
		Indirect	201,212	201,212
		Sequestration	29,116	29,116
Ameren Corporation (formerly UE and CIPS)	Electric Power	Direct	530,338	
		Indirect	85,680	
		Sequestration	818	
American Electric Power, Inc.	Electric Power	Direct	-7,546,165	
		Indirect	382,984	
		Sequestration	1,116,422	
American Forests	Agriculture	Sequestration	52,125	
American Municipal Power - Ohio	Electric Power	Direct	251,533	
		Indirect	88,678	
		Sequestration	178	
AMERICAN SOILS	Industry	Unspecified (EZ)	1,302	
Anoka Municipal Utility	Electric Power	Unspecified (EZ)	30	
Arizona Electric Power Cooperative, Inc.	Electric Power	Unspecified (EZ)	73,479	
Arizona Portland Cement Co.	Industry	Direct	166,807	166,807
		Indirect	8,071	8,142
Arizona Public Service Company	N/A	Direct		1,518,907
		Indirect		140,408
Arthur Rypinski & Jacquelyn Porth	Other	Direct	4	4
		Indirect	1	1
Asheville Landfill Gas, LLC	Alternative Energy	Direct	88,132	



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Audros Corporation	Industry	Unspecified (EZ)	11	
BARC Electric Cooperative	Electric Power	Indirect	3,386	
BAYER Corporation	Industry	Indirect	409	
Bethlehem Steel Corporation	Industry	Direct		3,467,260
		Indirect		453,592
Biomass Partners, LP	Alternative Energy	Unspecified (EZ)	91,502	
Bountiful City Light & Power	Electric Power	Direct	19,191	19,191
		Sequestration	1	1
BP	Industry	Direct	1,887,467	1,887,467
		Sequestration	102,980	102,980
Burlington County Board of Chosen Freeholders	N/A	Direct	279,714	
		Indirect	43,220	
California Portland Cement Co. - Colton Plant	Industry	Direct	61,815	61,666
		Indirect	3,823	3,851
California Portland Cement Co. - Mojave Plant	Industry	Direct	66,489	67,668
		Indirect	8,429	8,246
Carolina Power & Light Company	Electric Power	Direct	6,974,302	
Catawba Landfill Gas, LLC	Alternative Energy	Direct	35,124	
CDX Gas, LLC	N/A	Direct	459,701	
Cedar Falls Utilities	Electric Power	Direct	9,083	
		Indirect	1,832	
		Sequestration	12	
Central and South West Corporation	Electric Power	Direct	18,781	
		Indirect	359,815	
		Sequestration	5,952	
Central Hudson Gas & Electric Corporation	Electric Power	Direct	262,631	345,172
		Indirect	34,570	706,785
Cereza Energy, Inc.	Alternative Energy	Direct	242,037	
Choptank Electric Cooperative	Electric Power	Indirect	36,091	
Cinergy Corp.	N/A	Direct	1,717,175	1,717,175
		Indirect	728,850	728,850
		Sequestration	170,211	170,211
City of Austin Electric Utility (Austin Energy)	Electric Power	Unspecified (EZ)	1,184,302	
City of Edmond, Oklahoma, Electric Department	N/A	Unspecified (EZ)	1,650	
City of Fairfield Wastewater Division	Other	Unspecified (EZ)	661	
City of Palo Alto	Electric Power	Unspecified (EZ)	2,141	
City Utilities of Springfield	Electric Power	Direct	56,672	
		Sequestration	95	
CLE Resources	Industry	Indirect	13,838	

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Cleco Corporation	Electric Power	Sequestration	2,280	
CMV Joint Venture	Alternative Energy	Direct	475,475	
Columbia Falls Aluminum Company, LLC	Industry	Indirect	81	
COM/Electric	Electric Power	Unspecified (EZ)	239,979	
CommonWealth Bethlehem Energy, LLC	Alternative Energy	Direct	38,339	38,339
Commonwealth Edison Company (ComEd)	Electric Power	Direct	1,206,340	
		Indirect	3,663,708	
		Sequestration	562	
Community Electric Cooperative	Electric Power	Indirect	3,093	
Conectiv Atlantic Generation (CAG)	N/A	Direct	57,021	
		Indirect	11,224	
		Sequestration		
Conectiv Delmarva Generation	N/A	Direct	590,302	
		Indirect	27,392	
		Sequestration	1,163	
Consol Coal Group	N/A	Direct		13,917,831
Constellation Energy Group, Inc	Electric Power	Direct	4,558,433	4,558,433
		Indirect	317,932	323,249
		Sequestration	954	954
Cooperative Power Association	Electric Power	Direct	157,047	
		Indirect	61,011	
		Sequestration	27	
County Sanitation Districts of Los Angeles County	Alternative Energy	Direct	4,399,535	
		Indirect	187,706	
Dade Behring, Inc.	Industry	Direct		
		Indirect	1,244	
Delaware Electric Cooperative	Electric Power	Indirect	801	
Delta Electric Power Association	Electric Power	Unspecified (EZ)	20,329	
Dominion Energy, L.P.	Alternative Energy	Direct	711,463	
Dragon Products Company, Inc.	Industry	Direct	78,033	48,214
		Indirect	34,390	6,763
DTE Energy/ Detroit Edison	Electric Power	Direct	1,068,698	-3,709,751
		Indirect	2,681,184	-1,145,321
		Sequestration	223,363	223,363
Duke Energy Corporation	Electric Power	Direct	12,011,575	12,011,575
		Indirect	303,751	303,751
		Sequestration	2,653	2,653
Duquesne Light Company	Electric Power	Direct	117,445	
		Indirect	37,291	

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Duquesne Light Company	Electric Power	Sequestration	1,804	
Dynegy Midwest Generation Inc.	Electric Power	Direct	-1,473,241	-1,473,228
		Indirect	-1,022,079	-1,022,079
		Sequestration	34,727	34,727
Ecogas Corporation	Alternative Energy	Direct	168,401	
Energy Management Partners, LP	Alternative Energy	Unspecified (EZ)	633,574	
Engelhard	Industry	Indirect	51	
Entergy Services, Inc.	Electric Power	Direct	6,256,949	6,256,949
		Indirect	298,035	298,035
		Sequestration	67,004	67,004
Essential Foods, Inc.	Industry	Direct	58	
		Indirect	14	
Essroc Cement Corp. - Speed, IN Plant	Industry	Direct	72,103	35,951
		Indirect	11,916	4,940
Essroc Cement Corp. -- Bessemer, Pa Plant	Industry	Direct	28,303	74,495
		Indirect	16,739	7,965
Essroc Cement Corp. -- Essexville, MI Plant	Industry	Direct		-112
		Indirect		-4,943
Essroc Cement Corp. -- Frederick, MD Plant	Industry	Direct	-30,611	669
Essroc Cement Corp. -- Logansport, IN Plant	Industry	Indirect	20,053	6,019
Essroc Cement Corp. -- PA Operations	Industry	Direct	3,882	-99,226
		Indirect	23,355	-1,058
Essroc Cement Corp. -- San Juan, PR Plant	Industry	Indirect	336	-15,008
FirstEnergy Corporation	Electric Power	Direct	10,499,321	10,499,321
		Indirect	116,923	116,923
		Sequestration	18,495	18,495
Florida Power Corporation	Electric Power	Direct		3,114,658
FPL Group	Electric Power	Indirect	1,679	11,927,666
Fred Weber, Inc.	Alternative Energy	Unspecified (EZ)	330,819	
General Motors Corporation	Industry	Direct	899,176	
		Indirect	863,710	
		Sequestration		2,664
GeoMet Inc.	N/A	Direct	316,985	
Gilead Sciences	Industry	Unspecified (EZ)	40	
Golden Valley Electric Association, Inc	Electric Power	Unspecified (EZ)	15,149	
GPU, Inc.	Electric Power	Direct	2,355,465	
		Indirect	657,139	
		Sequestration	7,364	
Granger Electric Company	Alternative Energy	Direct	-72,399	

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Granger Electric Company	Alternative Energy	Indirect	686,850	
Grayson Hill Farms	Agriculture	Unspecified (EZ)	36,222	
GSF Energy, LLC	Alternative Energy	Direct	3,203,304	
Hawaiian Electric Company, Inc.	Electric Power	Direct	44,920	1,591,202
		Sequestration	953	953
IBM	Industry	Direct		16,793
		Indirect		91,386
Imperial Plating	Industry	Indirect	3	
Industrial Equipment and Supplies	Industry	Indirect	38	
Integrated Waste Services Association	Alternative Energy	Indirect	19,822,052	19,822,052
International Truck and Engine Corporation	Industry	Direct		-6,530
		Indirect		70,975
Iredell Landfill Gas, LLC	Alternative Energy	Direct	59,740	
J.M. Gilmer and Company, Inc.	Agriculture	Sequestration	998	
JEA	N/A	Unspecified (EZ)	213,606	
Jim Walter Resources, Inc.	N/A	Direct	5,023,622	5,027,795
Johnson & Johnson	Industry	Direct	49,107	49,176
		Indirect	187,310	187,307
Kansas City Power & Light Company	N/A	Direct	643,824	643,824
		Indirect	150,898	150,898
		Sequestration	3,607	3,608
LAHD Energy, Inc.	Alternative Energy	Unspecified (EZ)	18,817	
LFG Energy, Inc.	Alternative Energy	Direct	164,439	
		Indirect	12,387	
Long Island Power Authority & KeySpan Energy	Electric Power	Direct		2,496,663
		Indirect		2,101,062
Los Angeles Department of Water and Power	Electric Power	Direct	1,166	-2,082,529
		Indirect	8,475	240,959
		Sequestration	2,003	2,003
Lower Colorado River Authority	Electric Power	Direct	285,672	285,672
		Indirect	116,936	116,936
Lucent Technologies Inc.	Industry	Direct		28,000
		Indirect		114,000
McNeil Generating Station	Electric Power	Indirect		94,560
MCNIC Oil & Gas Co.	Alternative Energy	Direct	8,502,652	
Mecklenburg Electric Cooperative	Electric Power	Indirect	11,646	
Minnesota Power	Electric Power	Direct	479,955	
		Indirect	80,825	
		Sequestration	22,228	

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Minnesota Resource Recovery Association (MRRA)	Other	Unspecified (EZ)	1,173,296	
Missouri River Energy Services	Electric Power	Unspecified (EZ)	79	
Montana Power Company	Electric Power	Direct	-2,109,091	
		Indirect	355,924	
Monteco Gas, LLC	Alternative Energy	Direct	588,400	
Moorhead Public Service	Electric Power	Unspecified (EZ)	8,462	
Motorola Austin	Industry	Direct		1,100
		Indirect		136,223
Municipal Electric Auth of Georgia (MEAG Power)	Electric Power	Direct	2,543,000	78,400
Nashville Electric Service	Electric Power	Unspecified (EZ)	2,196	
NC Muni Landfill Gas Partners, LLC	Alternative Energy	Direct	80,999	
Nebraska Public Power District	N/A	Unspecified (EZ)	45,341	
Nevada Power Company	Electric Power	Unspecified (EZ)	71,550	
New York Power Authority	Electric Power	Direct		232,789
		Indirect		179,737
Newton Landfill Gas, LLC	Alternative Energy	Direct	52,080	
		Indirect	-6,226	
Niagara Mohawk Power Corporation	Electric Power	Direct	3,885,697	5,451,455
		Indirect	94,154	-169,644
NiSource/NIPSCO	Electric Power	Direct	1,487,111	1,487,111
		Indirect	109,091	109,089
		Sequestration	930	930
Noranda Aluminum Inc.	Industry	Direct	3,404,600	
North American Carbon, Inc.	Alternative Energy	Indirect	56,447	
North Carolina Biomass Partners	Alternative Energy	Unspecified (EZ)	74,433	
North Carolina Electric Membership Corporation	Electric Power	Unspecified (EZ)	615,809	
Northeast Utilities	Electric Power	Direct		644,101
		Indirect		-907,185
Northern Neck Electric Cooperative	Electric Power	Indirect	3,331	
Northern Virginia Electric Cooperative	Electric Power	Indirect	33,140	
Northwest Fuel Development, Inc.	Alternative Energy	Direct	15,379	
		Indirect	1,087	
Old Dominion Electric Cooperative	Electric Power	Indirect	61	
		Sequestration	2	
Omaha Public Power District	Electric Power	Unspecified (EZ)	1,017,820	
Pacific Gas and Electric Company	Electric Power	Unspecified (EZ)	2,133,434	
PacifiCorp	Electric Power	Direct	958,291	958,291
		Indirect	315,097	11,476
		Sequestration	528,920	1,055,682

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Pan American Hospital	Other	Direct	46	
		Indirect	93	
Peabody Holding Company, Inc.	Industry	Direct	94,958	38,712
PECO Energy Company	Electric Power	Unspecified (EZ)	7,777,589	
Pintexs	Industry	Indirect	16	
Pitt Landfill Gas, LLC	Alternative Energy	Direct	67,456	
		Indirect	755	
Platte River Power Authority & 4 Owner Cities	Electric Power	Direct	12,740	
		Indirect	38,902	
Portland General Electric Co.	N/A	Direct	39	39
		Indirect	821,442	821,442
		Sequestration	473	473
PPL CORPORATION	Electric Power	Direct	522,986	522,986
		Indirect	2,766,093	2,766,093
		Sequestration	7,225	7,225
Prince George Electric Cooperative	Electric Power	Indirect	5,135	
Public Service Company of New Mexico	Electric Power	Direct	1,497,697	
Public Service Enterprise Group	Electric Power	Sequestration	2,654	2,654
Public Utility District No. 1 of Snohomish County	Electric Power	Direct	137	
		Indirect	118,503	
Rappahannock Electric Cooperative	Electric Power	Indirect	35,049	
		Sequestration	3	
Sacramento Municipal Utility District	Electric Power	Direct	15	-1,032,341
		Indirect	497,239	2,179,511
		Sequestration	1,764	1,764
Salt River Project	Electric Power	Unspecified (EZ)	1,578,496	
Santee Cooper	Electric Power	Direct	880,179	880,179
		Indirect	107,771	107,771
		Sequestration	3,048	3,048
Seattle City Light	Electric Power	Indirect	204,418	204,418
		Sequestration	21	21
SeaWest WindPower, Inc.	Alternative Energy	Indirect	9,650	
Seminole Electric Cooperative, Inc.	Electric Power	Unspecified (EZ)	253,692	
Seneca Energy II, LLC	N/A	Direct	284,811	
		Indirect	25,245	
Separation Technologies, Inc	Industry	Unspecified (EZ)	232,299	
Shenandoah Valley Electric Cooperative	Electric Power	Indirect	15,522	
		Sequestration	1	
Shrewsbury Electric Light Plant	N/A	Unspecified (EZ)	2,272	

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SONAT Exploration Company	Alternative Energy	Direct	3,372,949	
South Carolina Electric & Gas Company	N/A	Direct	1,761,100	
		Indirect	57,968	
		Sequestration	5,161	
		Unspecified (EZ)	91,116	
Southeastern Biomass Partners, LP	Alternative Energy	Unspecified (EZ)	91,116	
Southern California Edison Co.	Electric Power	Direct	3,525,254	
		Indirect	108,046	
		Sequestration	91,199	91,199
Southern Company	Electric Power	Direct	2,710,203	2,710,203
		Indirect	961,606	961,606
		Sequestration	91,199	91,199
		Unspecified (EZ)	13,051	
Southside Electric Cooperative	Electric Power	Indirect	13,051	
Steuben Rural Electric Co-op	N/A	Unspecified (EZ)	2,085	
SWEENEY Furniture	Other	Unspecified (EZ)	1	
Tacoma Power	N/A	Unspecified (EZ)	42,325	
Tampa Electric Company	Electric Power	Indirect	271,909	271,909
		Sequestration	953	953
		Unspecified (EZ)	113,680	
Taunton Municipal Lighting Plant	Electric Power	Unspecified (EZ)	113,680	
Tennessee Valley Authority	Electric Power	Direct	25,646,827	25,646,827
		Indirect	452,570	452,570
		Sequestration	28,595	28,595
		Unspecified (EZ)	752,963	3,609,688
Texas Genco, LP	Electric Power	Direct	752,963	3,609,688
		Indirect	708,511	708,511
The Dow Chemical Company	N/A	Direct		316,154
The Estee Lauder Companies	N/A	Indirect	44	
Tucson Electric Power Company	Electric Power	Direct	76,199	
		Indirect	94,379	
		Sequestration	959	
		Unspecified (EZ)	19,508,731	
TXU	Electric Power	Direct	19,508,731	
		Indirect	694,214	
		Sequestration	16,769	
U. S. Steel Mining Company, LLC	Alternative Energy	Direct	1,461,890	
		Indirect	-6,468	
U.S. Department of Energy- Office of Solar	Other	Direct	37	
United Power Association	Electric Power	Direct	149,146	
		Indirect	265,448	
Urban Forestry Alliance	Agriculture	Unspecified (EZ)		
US Energy Biogas Corp.	Alternative Energy	Unspecified (EZ)	1,221,994	
USGen New England, Inc.	Electric Power	Direct	3,065,302	3,065,302
		Indirect	-126,098	-126,098

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USGen New England, Inc.	Electric Power	Sequestration	40,706	40,706
USX Corporation	Alternative Energy	Direct	642,884	
Utah Municipal Power Agency	N/A	Unspecified (EZ)	38,362	
VANALCO, INC. - (Primary Aluminum Reduction Plant)	Industry	Direct	80,300	80,300
Vermont Public Power Supply Authority	Electric Power	Indirect	2,303	
Volvo Cars of North America, Inc.	Industry	Unspecified (EZ)	10	
Waverly Light & Power Company	Electric Power	Direct	1	1
		Indirect	18,531	15,984
		Sequestration	118	118
We Energies	Electric Power	Direct	2,927,288	
		Indirect	1,058,815	
		Sequestration	162,420	
Western Resources, Inc.	Electric Power	Direct	720,704	
		Indirect	405,946	
		Sequestration	6,669	
Whatcom Land Trust	Agriculture	Sequestration	609,382	
Wisconsin Public Power Inc.	Electric Power	Unspecified (EZ)	18,518	
Wisconsin Public Service Corporation	Electric Power	Direct	812,597	812,597
		Sequestration	95,291	95,291
World Parks Endowment	Agriculture	Sequestration	1,384,429	1,384,428
Xcel Energy	Electric Power	Direct	3,355,957	
		Indirect	84,695	
Zeeland Board of Public Works	N/A	Unspecified (EZ)	396	